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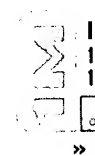
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|---|---|---|---|---|---|---|---|---|---|
| 1 | BRS | 0 | (((highpass or (high adj pass)) adj filter) or HPF) same mixers same (second adj IF) | US-PGPUB; USPAT | 2004/12/20 15:10 | | | | S1 |
| 2 | BRS | 1150 | (((highpass or (high adj pass)) adj filter) or HPF) same mixers | US-PGPUB; USPAT | 2004/12/20 11:28 | | | | S3 |
| 3 | BRS | 15 | "5959592" | US-PGPUB; USPAT | 2004/12/20 11:28 | | | | S4 |
| 4 | IS&R | 137 | (375/322).CCLS. | US-PGPUB; USPAT; EPO; DERWENT | 2004/12/20 11:32 | | | | S5 |
| 5 | IS&R | 1080 | (375/240.01).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:11 | | | | S6 |
| 6 | IS&R | 923 | (375/219).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:11 | | | | S7 |
| 7 | IS&R | 172 | (455/463).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:11 | | | | S8 |
| 8 | IS&R | 264 | (455/563).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:12 | | | | S9 |
| 9 | IS&R | 130 | (455/165.1).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:12 | | | | S10 |
| 10 | IS&R | 122 | (455/168.1).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:12 | | | | S11 |
| 11 | IS&R | 116 | (348/21).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:12 | | | | S12 |
| 12 | IS&R | 132 | (379/150).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:13 | | | | S13 |
| 13 | IS&R | 172 | (327/179).CCLS. | US-PGPUB; USPAT | 2004/12/20 15:14 | | | | S14 |
| 14 | BRS | 1 | (down adj convert$3) same ((first and second) or (plurality or multiple)) same ((above and below) or (higher and lower)) same IF same channels | USPAT; EPO; JPO; DERWENT | 2004/12/20 15:20 | | | | S15 |
| 15 | BRS | 19 | (down adj convert$3) same ((first and second) or (plurality or multiple)) same ((above and below) or (higher and lower)) same (IF or (intermediate adj frequency)) same channels | USPAT; EPO; JPO; DERWENT | 2004/12/20 15:21 | | | | S16 |

fₛ synthesizer — lower IF

fₛ synthesizer — higher IF

set of inputs

LPF

HPF

+

BPF

VGA
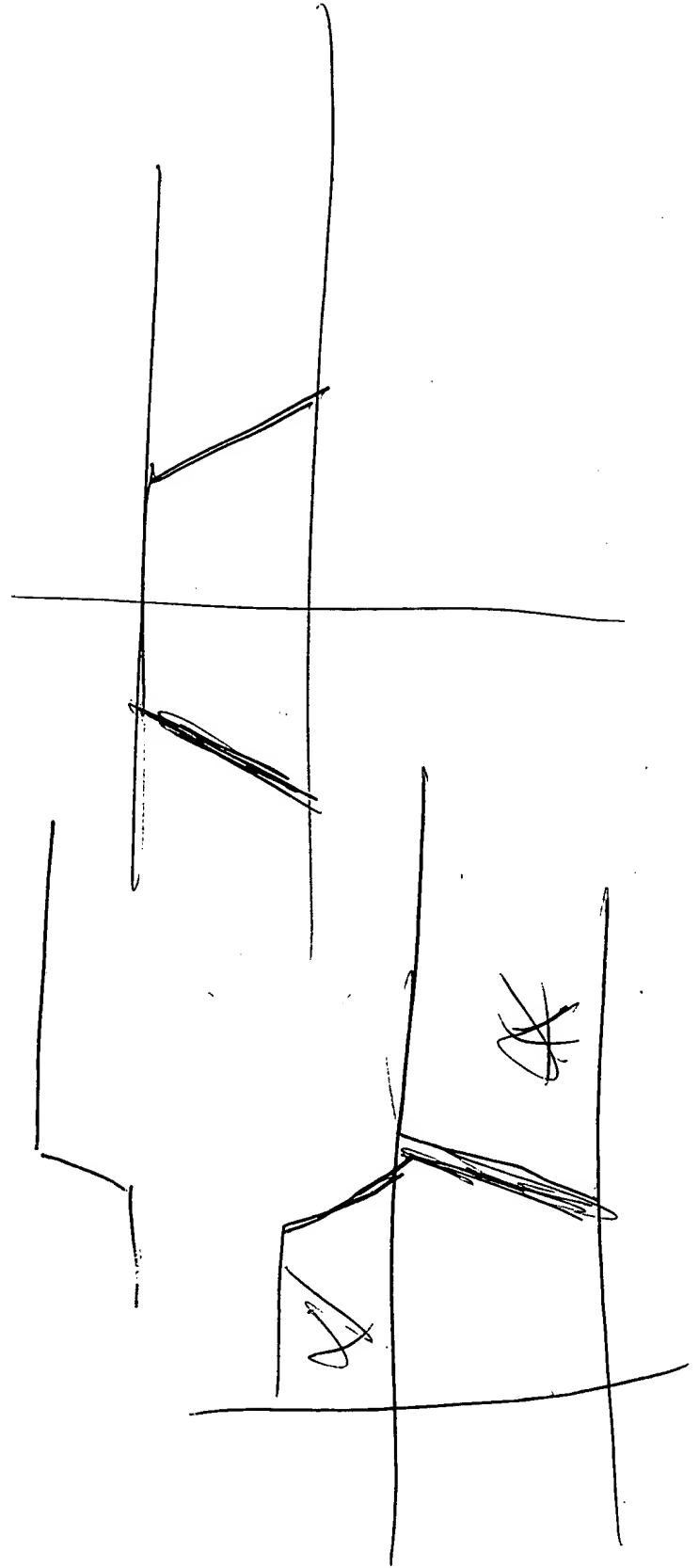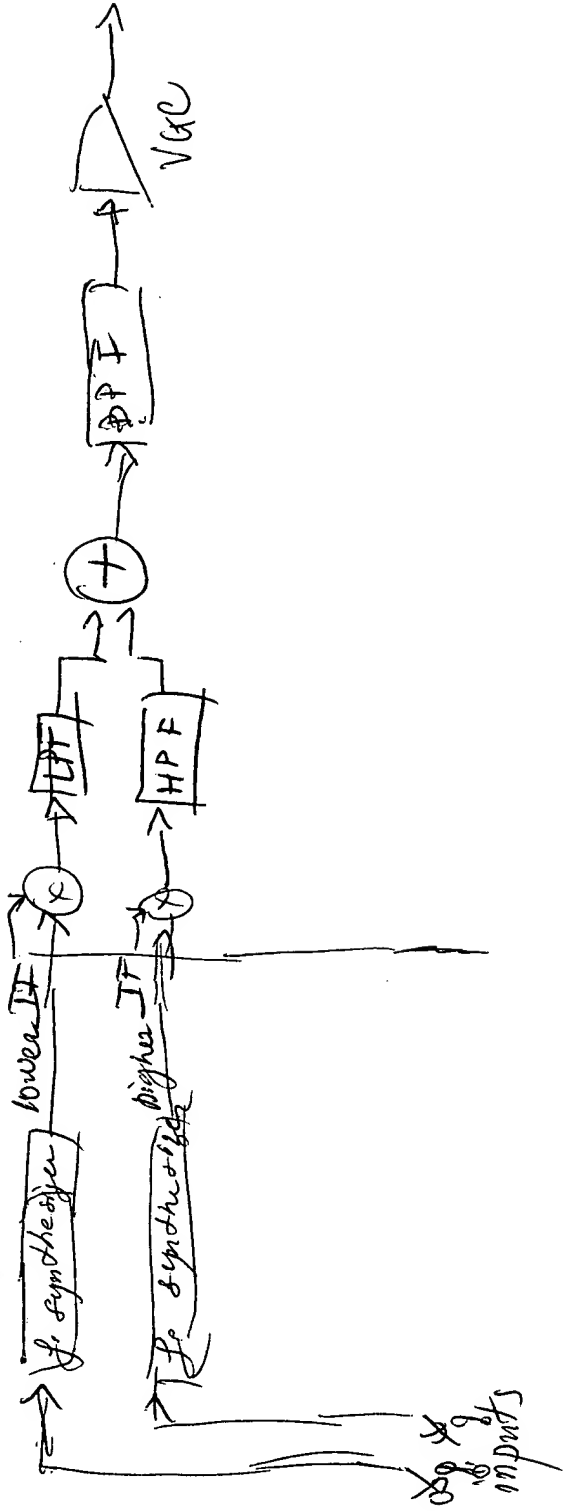
5,959,592 → looks good for claims 22 + 33.

These claims do not claim high or low pass filters.

filter 56 removes frequencies above 1450 Mhz (above the first channel) -
filter 70 removes frequencies below 1550 Mhz (below the second channel)

combined in 72.

~~doesn't~~ circuit doesn't have a band pass filter after the combiner
but could be obvious for a number of reasons (remove uncounted
components) ~~~~ Need to find a secondary reference doing this though.

adjacent means: Close to, lying near and I think this limitation is
satisfied since 1450 Mhz is close to 1550 Mhz.